

**CURRICULUM VITAE**  
**Nora E. Wineland DVM, MS**

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**EDUCATION**

**Michigan State University**, College of Veterinary Medicine, Sep 1978-Jun 1984, Bachelor of Science, Doctor of Veterinary Medicine

**Colorado State University**, Department of Clinical Science, Sep1990- Jun 1993, Master of Science (Thesis: Epidemiology of Reported Scrapie in the United States: 1947-1992)

**BOARD CERTIFICATION**

Diplomate Status: American College of Veterinary Preventive Medicine, Jul 1990

**EMPLOYMENT RECORD**

Dec 1984-May 1987: Field Veterinarian, USDA-APHIS-VS Ohio

May 1987-Dec 1994: Staff Veterinarian, USDA-APHIS-VS, Centers for Epidemiology and Animal Health, Fort Collins, CO

Jan 1995-present: NAHMS Program Leader, USDA-APHIS-VS, Centers for Epidemiology and Animal Health, Fort Collins, CO

- Program leader for NAHMS national studies (to date have focused on swine, beef, dairy, poultry (layers), equine, catfish, and sheep). Multidisciplinary teams are used to identify the study focus, design the study, and analyze and interpret the data. Served as sheep commodity expert for 1996 study.
- Collaboration on development of a state veterinarian-based reporting system for OIE listed diseases
- Collaboration on the National Antimicrobial Resistance Monitoring System for Enteric Bacteria (NARMS-EB) including the design and interpretation of the data
- Collaboration stage III validation for scrapie third eyelid test in sheep

**SERVICE**

Member—National Antimicrobial Resistance Monitoring System for Enteric Bacteria Working Group, 1995- present

Member—Interagency Coordinating Committee for Food Safety, 1997-present

## MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Veterinary Medical Association  
National Association of Federal Veterinarians  
Colorado Veterinary Medical Association  
Michigan Veterinary Medical Association  
Council on Agriculture Science & Technology (CAST)  
United States Animal Health Association (USAHA)  
American Public Health Association

## PUBLICATIONS

### Refereed

1. Detwiler LA, Jenny AL, Rubenstein R, **Wineland NE**. Scrapie: a review. *Sheep and Goat Research Journal* 12:111-131, 1996.
2. **Wineland NE**, Detwiler LA, Salman MD. Epidemiologic analysis of reported scrapie in sheep in the United States: 1,117 cases (1947-1992). *Journal of the American Veterinary Medical Association* 212:713-718, 1998.
3. Forde K, Hillberg-Seitzinger A, Dargatz D, **Wineland N**. The availability of state-level data on interstate cattle movements in the United States. *Preventive Veterinary Medicine* 37:209-217, 1998.
4. Fedorka-Cray PJ, Dargatz DA, Wells SJ, **Wineland NE**, Miller MA, Tollefson L, Petersen KE. Impact of antimicrobial use in veterinary medicine. *Journal of the American Veterinary Medical Association* 213:1739-1741, December 1998.

### Book Chapters

1. **Wineland NE**, Dargatz DA. The national animal health monitoring system—a source of on-farm information. *Veterinary Clinics North America (Food Animal Practice)* 14:127-139, 1998.
2. **Wineland NE**, Dargatz DA. Dissemination of surveillance findings. *Animal Disease Surveillance and Survey Systems*, Salman MD (ed.). Iowa State Press, Ames, Iowa, p. 177-184.

### Proceedings

1. Dargatz DA, Fedorka-Cray PJ, **Wineland NE**, Tollefson L. Description of the U.S. monitoring systems—the National Antimicrobial Susceptibility Monitoring System. *Swine Health Summit*. Williamsburg, Virginia. November 12-13, 1997, 48-50.

2. Fedorka-Cray PJ, Dargatz DA, Petersen KE, Hollinger K, **Wineland NE**, Tollefson L, Ferris K. Threat of bacterial resistance in animals: Is it a problem? *Journal of the American Veterinary Medical Association*, July 1999.
3. Fedorka-Cray PJ, Petersen KE, Dargatz DA, Tollefson L, **Wineland NE**, Headrick M, Hollinger K, Ferris K. National Antimicrobial Resistance Monitoring System: results for swine. *3rd International Symposium, Salmonella in Swine*. Washington, DC, August 5-7, 1999.
4. Dargatz DA, Fedorka-Cray PJ, Petersen KE, Tollefson L, **Wineland NE**, Hollinger K, Headrick M. A system to describe antimicrobial resistance among human and animal populations. *Proceedings, USGS Effects of Animal Feeding Operations (AFOs) on Hydrologic Resources and the Environment*. August 30-September 1, 1999.  
<http://water.usgs.gov/owq/AFO/proceedings/afo/html/dargatz.html>
5. Dargatz DA, Loneragan GH, Wagner BA, Garber LP, Hill GW, Rodriguez JM, **Wineland NE**. Health and management of cattle in United States feedlots. *Proceedings, 9<sup>th</sup> International Society for Veterinary Epidemiology and Economics Symposium*. Breckenridge, Colorado. August 7-11, 2000.
6. Dargatz DA, Fedorka-Cray PJ, Ladley SR, **Wineland NE**, Ferris KE. Antimicrobial susceptibility patterns of *Salmonella* isolates from beef cattle. *Proceedings, 9<sup>th</sup> International Society for Veterinary Epidemiology and Economics Symposium*. Breckenridge, Colorado. August 7-11, 2000, 238-241.
7. Dargatz DA, Loneragan GH, Wagner BA, Garber LP, Hill GW, Rodriguez JM, **Wineland NE**. A survey of health and management of cattle in feedlots in the United States. *Proceedings, 81<sup>st</sup> Conference of research Workers in Animal Disease Annual Meeting*. Chicago, Illinois. November 12-14, 2000, Abstract #45.
8. Dargatz DA, Wagner BA, Loneragan GH, Garber LP, Hill GW, **Wineland NE**. Animal health, management, and foodborne pathogens in beef feedlots: results of the NAHMS Feedlot '99 Study, *34<sup>th</sup> Annual Convention American Association of Bovine Practitioners Proceedings*, p. 72-73. Vancouver, BC, September 13-15, 2001.

## PRESENTATIONS

1. **Wineland NE**. Detection and prediction. How will we know it's a problem? *National Research Council*, Washington, D.C., January 14, 2002.

## ELECTRONIC DISCUSSION PAPERS

1. Fedorka-Cray PJ, Miller MA, Dargatz DA, **Wineland NE**, Tollefson L. Prevalence/trends of quinolone resistance in *Salmonella* isolates from animals in the USA. WHO discussion group on the use of quinolones in food animals and potential impact on human health, May 1998.

## **COMPUTER SKILLS**

Word processing (Word, WordPerfect, WordPro)

Spreadsheets (Lotus, Excel)

Database management (R Base, Oracle)

Statistics (SAS, EpiInfo)

Telecommunications (Procomm, Crosstalk, Kermit)

Audiovisual (WordPerfect Presentations, Freelance)